

REMARKS

Claims 1-3 and 5-22 are pending in the present application. Claims 1-3 and 5-22 have been rejected. Claims 1, 5, 7, 20, and 21 have been amended. No new matter has been added.

Claims 1-3 and 5-22 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Kotsakis, "XSD: A Hierarchical Access Method For Indexing XML Schemata". It is respectfully submitted that claims 1-3 and 5-22 are allowable over the art of record for the reasons set forth below.

Claim 1 has been amended to include the features adding the generated XML schema definition to a collection, determining if the XML document that was used in generating the XML schema definition has forms or structures that are not included in the XML schema definition, and if so, modifying the XML schema definition based on a second XML document (application, as originally filed, paragraphs [0038] – [0040]). Claims 7 and 21 have been similarly amended.

Kotsakis fails to disclose or suggest the features that have been added to claims 1, 7, and 21. Kotsakis describes a document compound structure (DCS) to represent the structural composition of XML documents (p. 170). As noted in the Office Action, two or more DCSs may be merged pursuant to a merger DCS. Kotsakis describes the merger DCS as depicting a generic XML schema (p.182). The merger DCS contains all the paths found in any of the original DCSs (p.183). However, DCS merging is completely different from the claimed generation and modification of an XML schema definition. In particular, the merger DCS does not add an XML schema definition to a collection, does not determine if the XML document that was used in generating the XML schema definition has forms or structures that are not included in the XML schema definition, and if so, does not modify the XML schema definition based on a second XML document, as claimed.

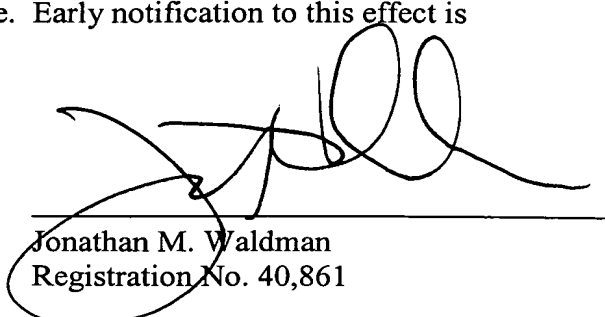
Based on the foregoing, claims 1, 7, and 21, and all claims dependent therefrom, including claims 2, 3, 5, 6, 8-20, and 22, should not be rejected as being unpatentable over Kotsakis. Therefore, withdrawal of the rejections of claims 1-3 and 5-22 under 35 U.S.C. § 103(a) is respectfully requested.

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**PATENT
REPLY FILED UNDER EXPEDITED
PROCEDURE PURSUANT TO
37 CFR § 1.116**

In view of the foregoing amendments and remarks, Applicant submits that the above-identified application is in condition for allowance. Early notification to this effect is respectfully requested.

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